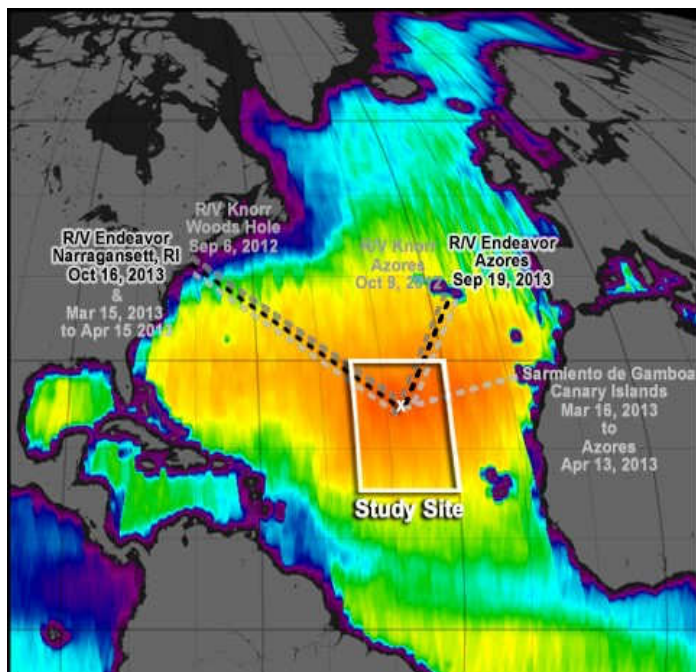


Salinity Processes in the Upper Ocean Regional Study (SPURS)

Salinity Processes in the Upper Ocean Regional Study (SPURS) research effort is actively addressing essential role of the ocean in the global water cycle. A series of cruises is exploring the salinity maximum region in the Atlantic Ocean using a plethora of oceanographic equipment and technology, including salinity-sensing satellites. Researchers are studying salinity changes that span thousands of miles simultaneously with those happening in one centimeter of water. SPURS is also providing much-needed data for computer models to improve our basic understanding of the water cycle over the oceans and its ties to climate.



The SPURS-1 field program finished when the R/V Endeavor pulled into port on October 16, 2013. All moorings and most deployed instruments have been recovered. A few floats and drifters remain and will continue to transmit data for another year or more. Focus now shifts to data analysis and synthesis. To that end the SPURS session at the recent Ocean Sciences Meeting highlighted many of the exciting results that are emerging from the SPURS-1 dataset. Focus also shifts to planning SPURS-2, scheduled to take place starting early 2015 in the eastern tropical Pacific.



SPURS-2 White Paper

Cruise Details

- Fall 2013 Cruise Overview
- Fall 2013 Endeavor Cruise Blog
- **Realtime Data and Visualization**
- Notes From the Field (Fall 2012)
- Notes From the Field (Spring 2013)



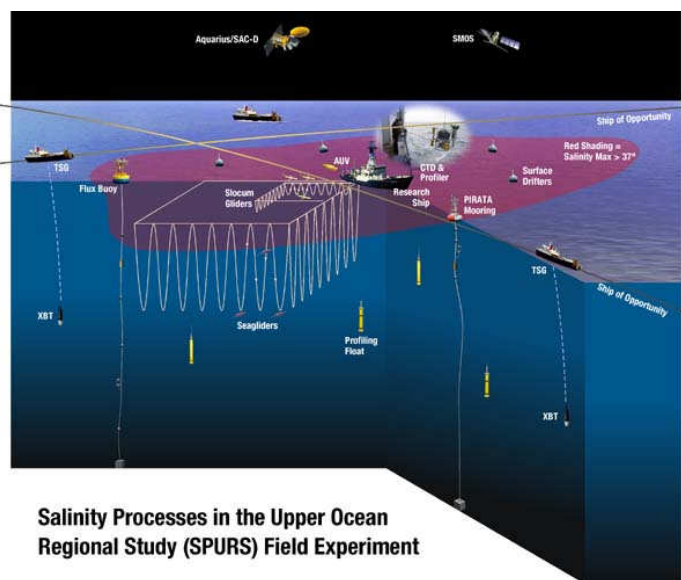
Education resources

- [Why and How of SPURS](#)
- [Seeking Salt](#)
- [Sampling Strategy Challenge](#)



SPURS Media Resources

- [Expedition Briefing Materials \(Sept. 2012\)](#)
- One Year of Science! [Fall 2013](#) and [Spring 2013](#)



Salinity Processes in the Upper Ocean Regional Study (SPURS) Field Experiment